



Canadian Material Safety Data Sheet

SECTION 1 - Product Information

Product Identifier: Engine Enamel

| | | | |
|---------------------|----------------------|---------------------|----------------------|
| 510 Universal Clear | 520 Chevrolet Orange | 560 Ford Blue | 570 Universal Silver |
| 511 Universal White | 530 Cadillac Gold | 561 Chevrolet Blue | 575 Dull Aluminum |
| 512 Flat Black | 540 Alpine Green | 562 G.M. Blue | 580 Cummins Beige |
| 513 Satin Black | 550 Ford Red | 566 Ford-Merc. Blue | 582 Cast Iron Gray |
| 514 Gloss Black | 551 Ford Gray | 568 Chrysler Blue | 583 Steel Blast Gray |
| | | | 584 Lycoming Gray |
| | | | 585 Continental Gold |

Product Use: Engine Enamel Paint

Manufacturer's Name: Aervoe Industries Inc.

Address: 1100 Mark Circle, Gardnerville, NV 89410

Emergency Phone: 1-800-424-9300

SECTION 2 - Hazardous Ingredients

| Hazardous Ingredients | Weight % | CAS Number | LD ₅₀ of Ingredient (species & route) | LC ₅₀ of Ingredient (species) |
|---------------------------------|----------|------------|--|--|
| Acetone | 15 - 40 | 67-64-1 | 5800 mg / kg (Rat-Oral) | 21000 ppm / 8 hr (Rat) |
| Propane | 10 - 30 | 74-98-6 | N / AV | N / AV |
| n-Butane | 5 - 10 | 106-97-8 | N / AV | N / AV |
| Isobutane | 3 - 7 | 75-28-5 | N / AV | 57 pph / 15 min (Rat) |
| n-Butyl Acetate | 10 - 30 | 123-86-4 | N / AV | N / AV |
| Aliphatic Petroleum Distillates | 0.5 - 2 | 64742-89-8 | N / AV | N / AV |

SECTION 3 - Physical Data

Physical State: Aerosol
Boiling Point: N / AP
Vapor Density (air = 1): Heavier than air
Odor and Appearance: Ketone odor / Clear or opaque liquid
Coefficient of Water/Oil Distribution: N / AV

Specific Gravity: 0.7 to 0.8
Freezing Point: N / AV
Vapor Pressure (psig): 45 to 55

Evaporation Rate: Faster than n-Butyl Acetate
pH: N / AP
Odor Threshold (ppm): N / AV

SECTION 4 - Fire and Explosion Data

Flammability: Flammable aerosol under conditions of sparks, flame, or excessive heat.
Means of Extinction: *Extinguishing Media* - Carbon dioxide, dry chemical, water spray. *Firefighting Procedures* - Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature. Use water spray to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.
Flashpoint: < 0° F (-18° C) **Method Used:** Estimated **Flammable Limits - LFL:** 0.7% **UFL:** 15.0%
Autoignition Temperature: N / AV **Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide.
Explosion Data - Sensitivity to Mechanical Impact: No **Explosion Data - Sensitivity to Static Discharge:** No

NOTE: N / AP = Not Applicable N / AV = Not Available

SECTION 5 - Reactivity Data

Chemical Stability: Stable
Reactivity & Conditions: None

Incompatibility with Other Substances: Strong oxidizing agents.
Hazardous Decomposition Products: None

SECTION 6 - Toxicological Properties

Primary Routes of Entry: Skin Contact, Eye Contact, Inhalation
Effects of Acute Exposure to Product:
Skin Contact - Irritation.
Eye Contact - Irritation.
Inhalation - Irritation. May cause dizziness, light-headedness and / or headaches.
Effects of Chronic Exposure to Product: Dermatitis.

Exposure Limits (TLV):

| | |
|---------------------------------|---|
| Acetone | 500 ppm TWA and 750 ppm STEL - ACGIH 205 |
| Propane | 2500 ppm TWA - ACGIH 2005 |
| n-Butane | 800 ppm TWA - ACGIH 2005 |
| Isobutane | N / AV - ACGIH 2005 |
| n-Butyl Acetate | 150 ppm TWA and 200 ppm STEL - ACGIH 2005 |
| Aliphatic Petroleum Distillates | 100 ppm TWA - ACGIH 2005 |

Irritancy: Skin, eyes, and respiratory tract.

Sensitization: N / AV

Carcinogenicity: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: N / AV

Teratogenicity: N / AV

Mutagenicity: N / AV

Synergistic Products: N / AV

SECTION 7 - Preventive Measures

Personal Protective Equipment (PPE): Gloves - Yes Respirator - Yes Eye - Yes Footwear - No Clothing - No Other - No
Skin Protection - Chemical resistant gloves such as Neoprene or Nitrile rubber.
Respiratory Protection - In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator. For concentrations above the TLV (as defined in Section 6), use a positive air supplied respirator.
Eye Protection - Safety glasses or goggles.
Engineering Controls: General ventilation to maintain exposure limits below TLV's as defined in Section 6.
Leak and Spill Procedure: Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.
Waste Disposal: Dispose of in accordance with local, state/provincial or territorial, and federal regulations. Do not incinerate closed containers.
Handling Procedures and Equipment: Do not use near heat, sparks, or open flame. Use PPE as defined in Section 7.
Storage Requirements: Do not store near heat, sparks, flame or above 120° F (49° C).
Special Shipping Information: Consumer Commodity ORM-D.

SECTION 8 - First Aid Measures

Inhalation: Remove from exposure, seek medical attention if signs/symptoms persist.
Ingestion: Do NOT induce vomiting, seek medical attention.
Skin Contact: Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.
Eye Contact: Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

SECTION 9 - Preparation Information

Prepared by: Technical Department

Telephone Number: 775-783-3100

Preparation Date: 11-09-2010

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